

Figure 1.

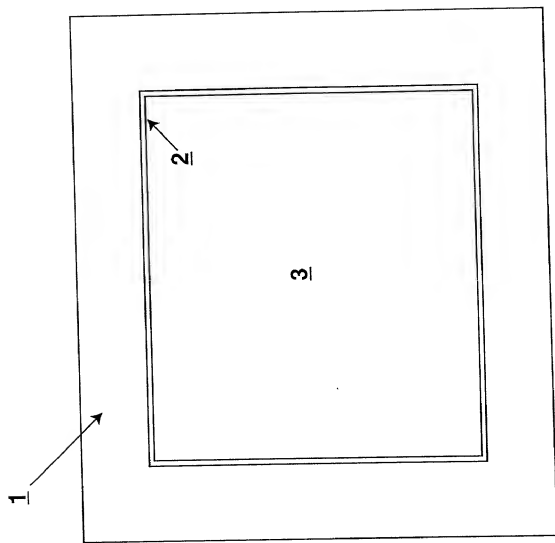


Figure 2

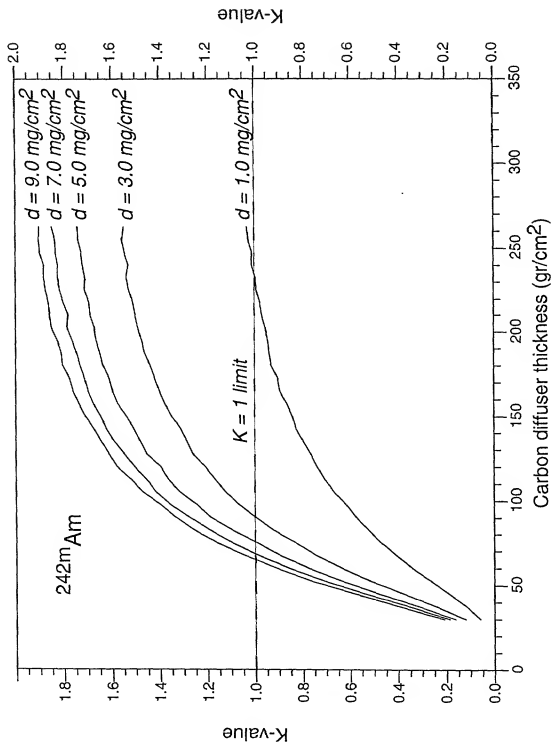


Figure 3

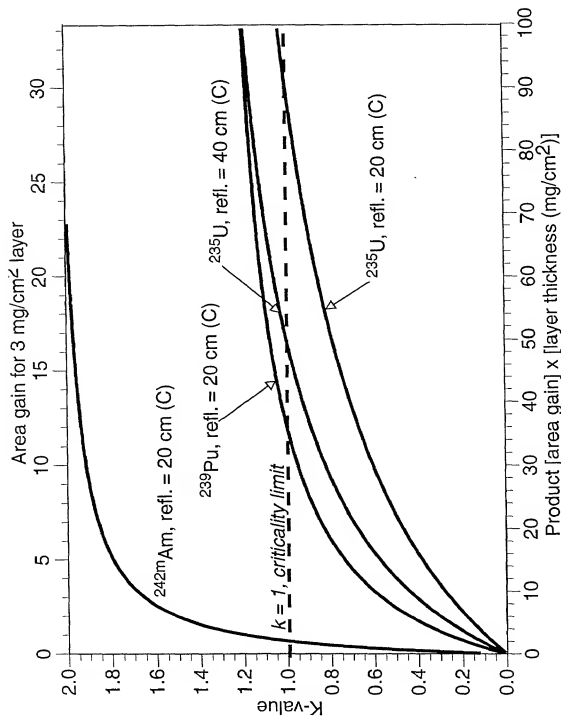


Figure 4.

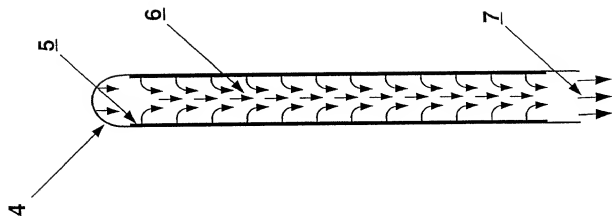


Figure 5.

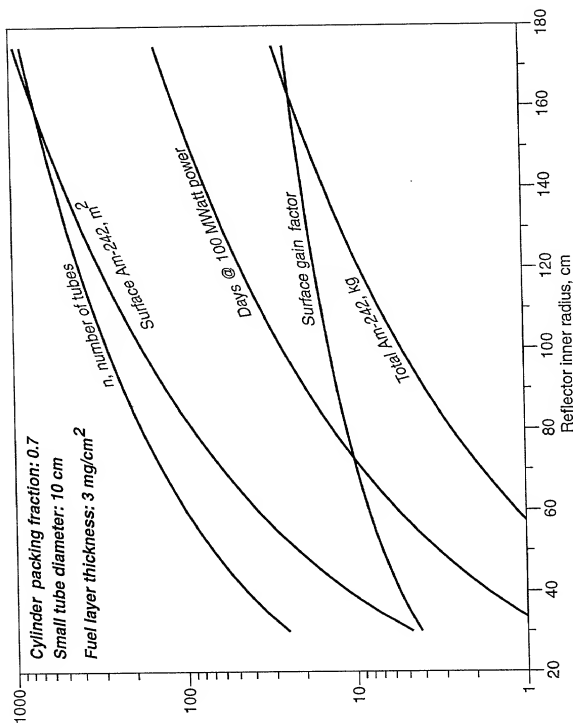


Figure 6.

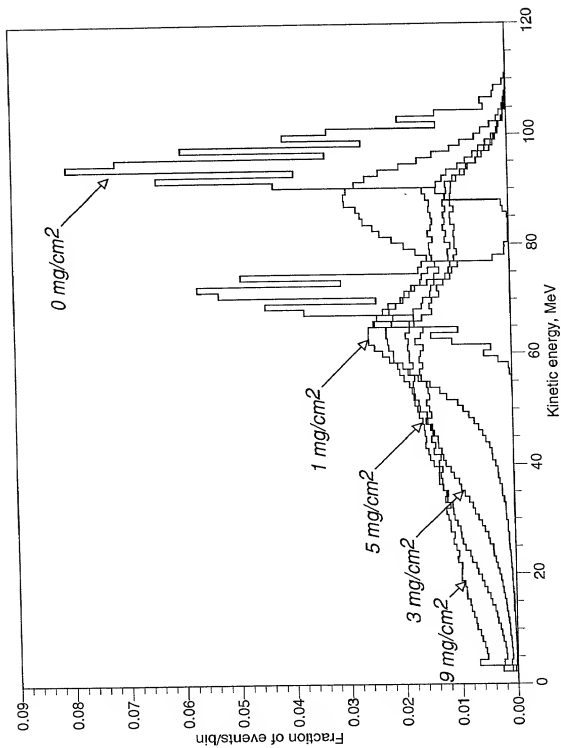


Figure 7

Figure 1 is a line graph showing the relationship between the exiting ion charge (mg/cm²) and the Am-242m activity (Counts/bin, arbitrary units) for various thicknesses (1, 2, 3, 5, 8). The x-axis represents the exiting ion charge, ranging from 0 to 35 mg/cm². The y-axis represents the Am-242m activity, ranging from 0 to 9000 Counts/bin, arbitrary units. The graph shows that the activity increases with thickness and then plateaus. The plateau activity is approximately 8000 for thickness 1, 7000 for thickness 2, 6000 for thickness 3, 4000 for thickness 5, and 3000 for thickness 8.

Figure 8



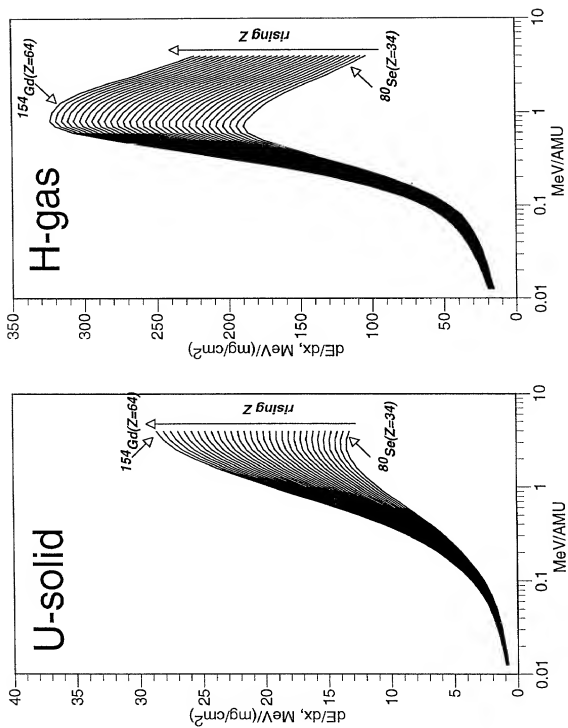


Figure 9

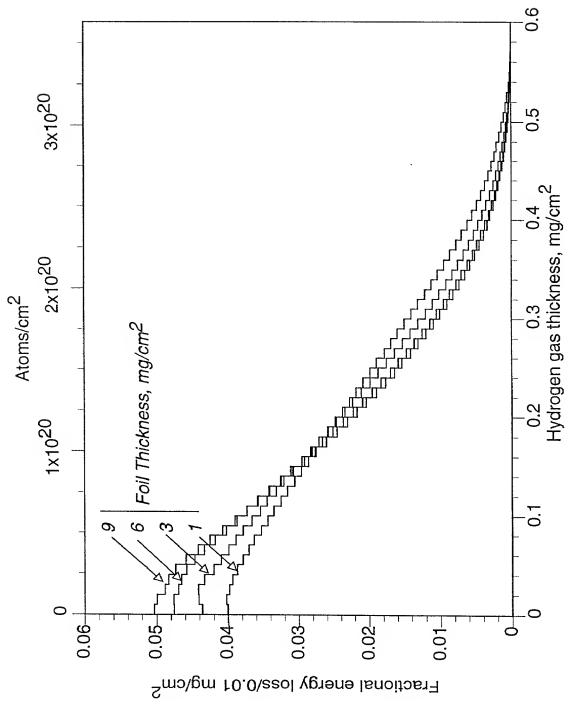


Figure 10.

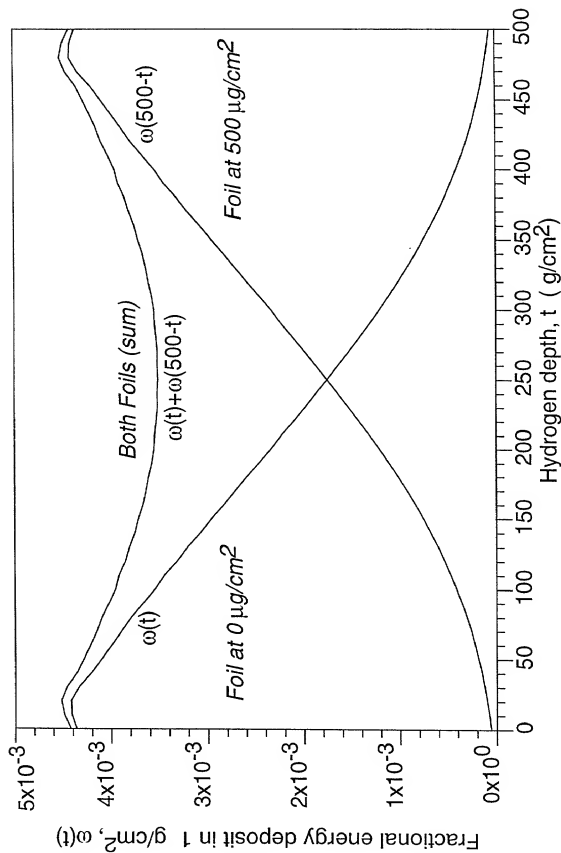


Figure 11.

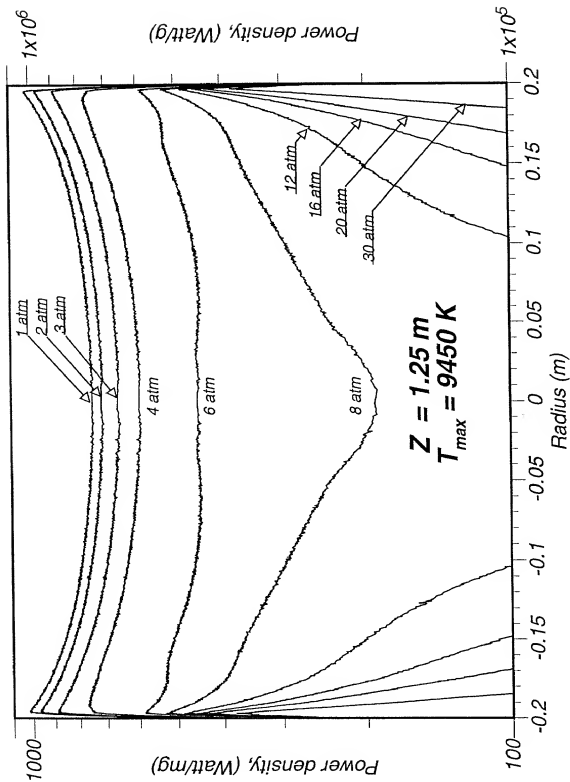


Figure 12.

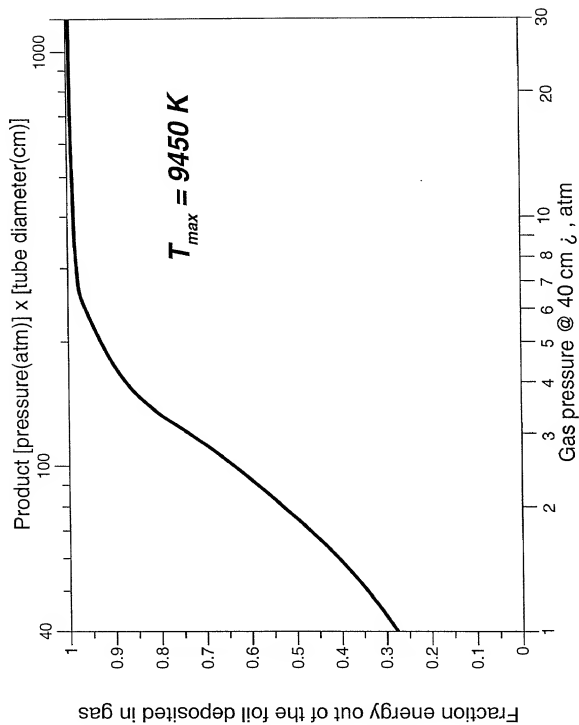


Figure 13.

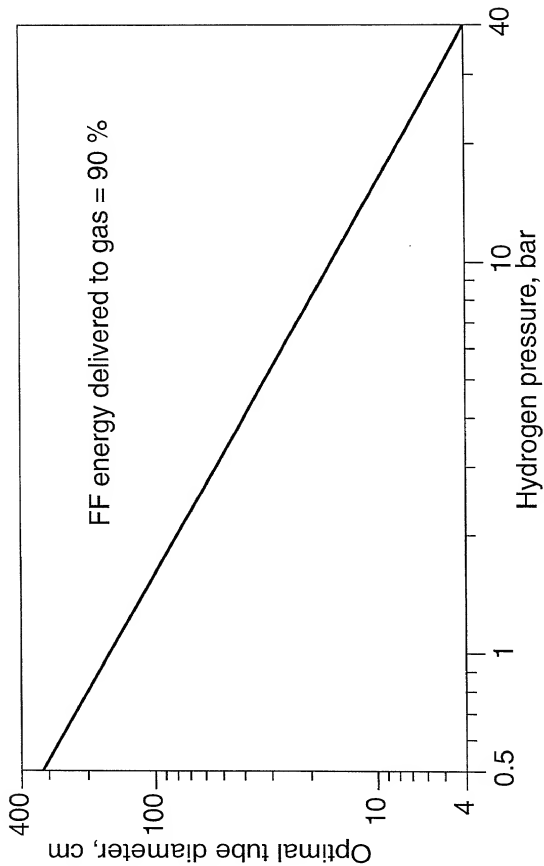


Figure 14.

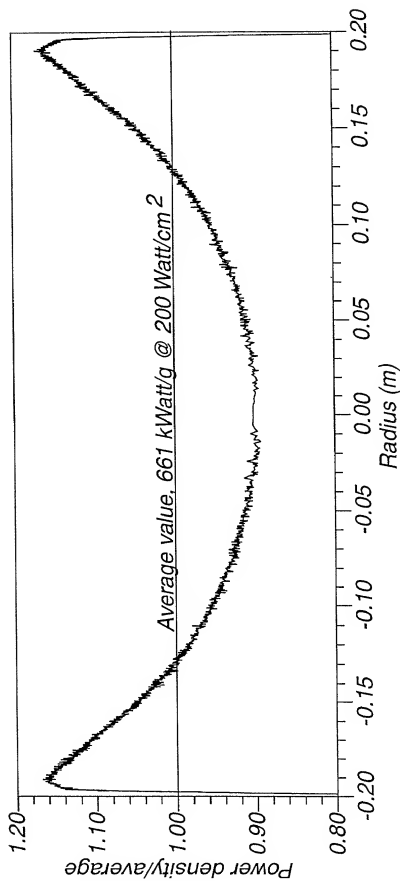


Figure 15.

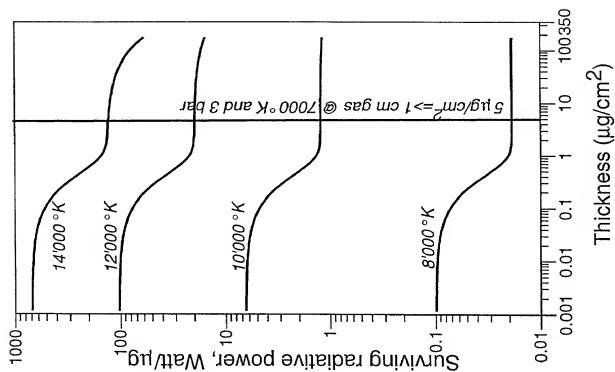
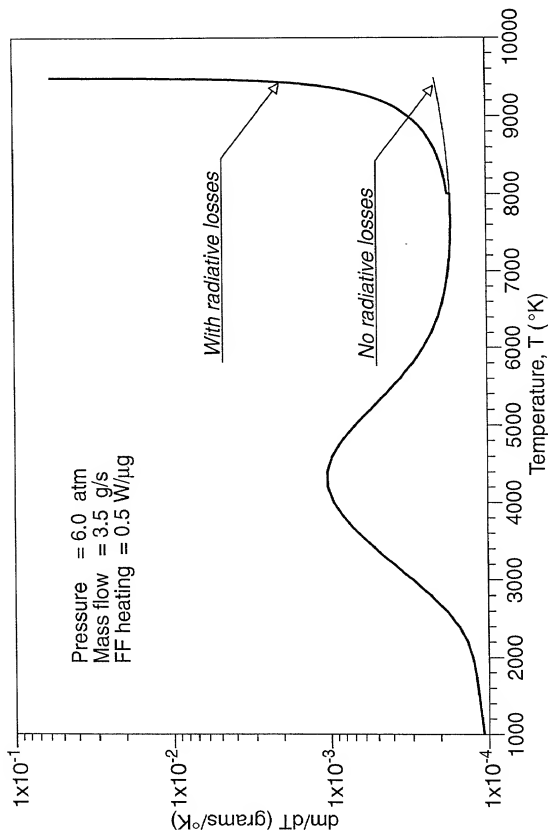


Figure 16.





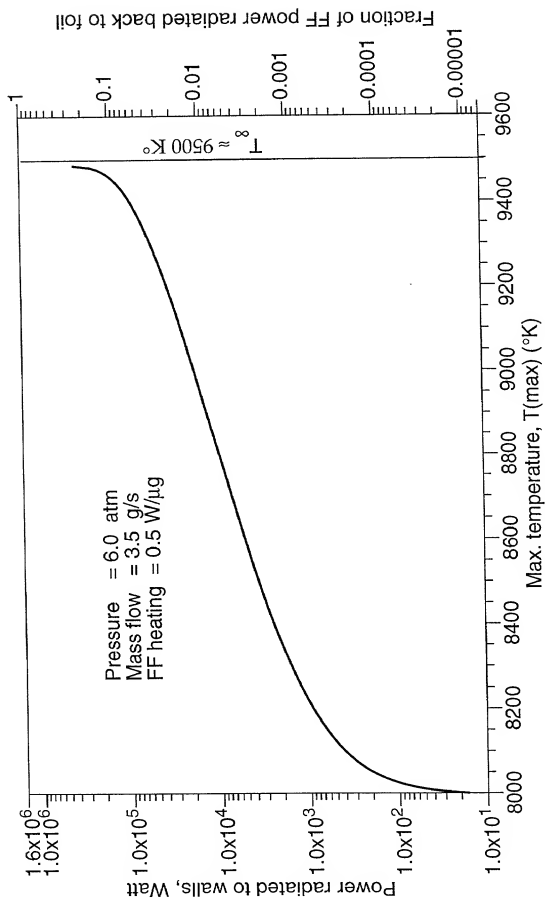


Figure 18.

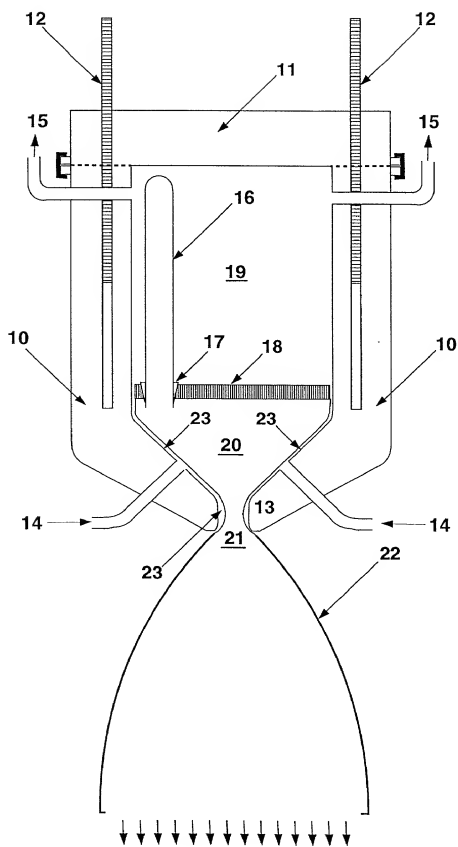


Figure 19

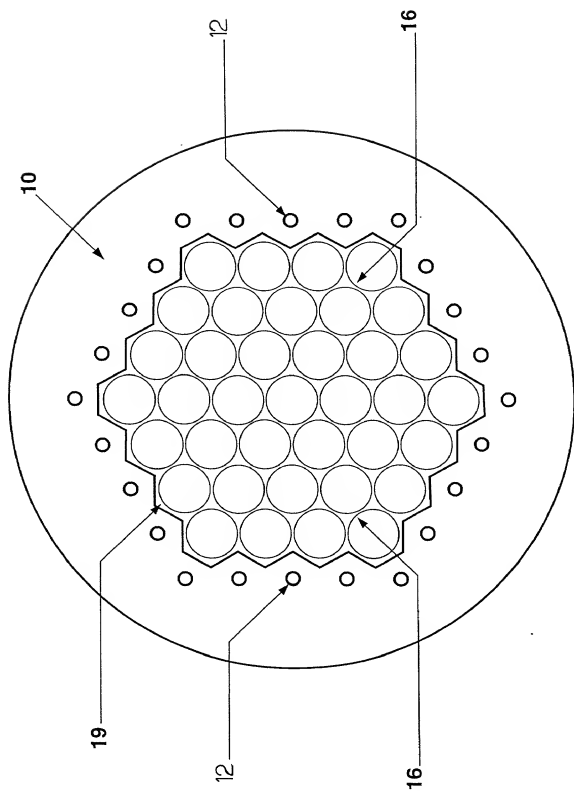


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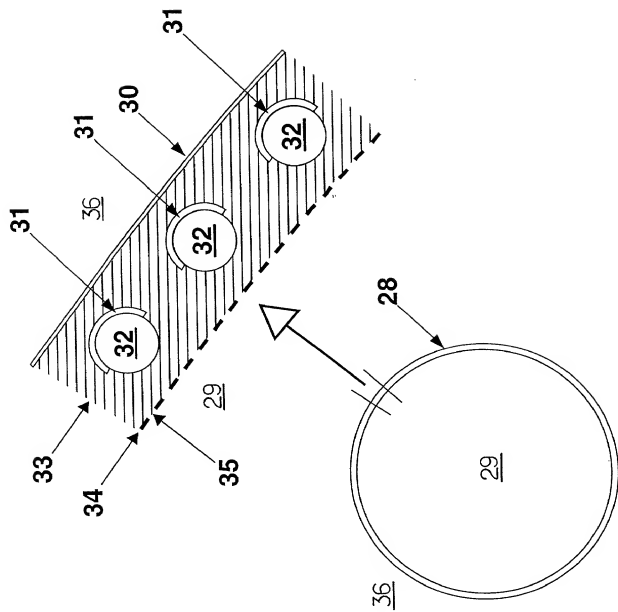


Figure 21

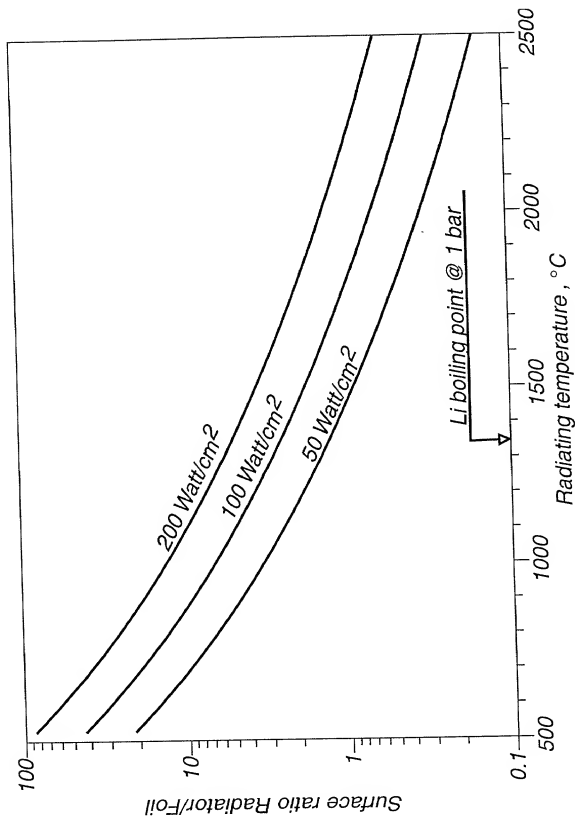


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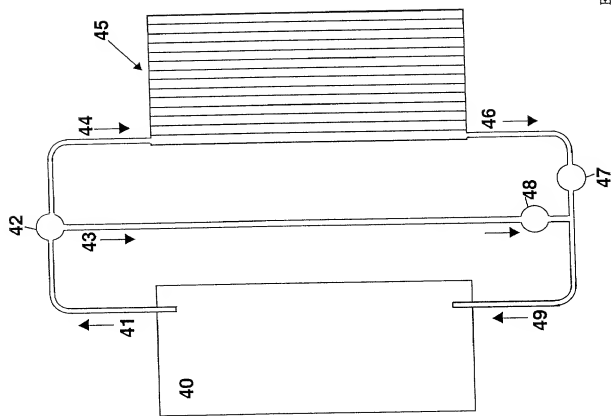


Figure 23.

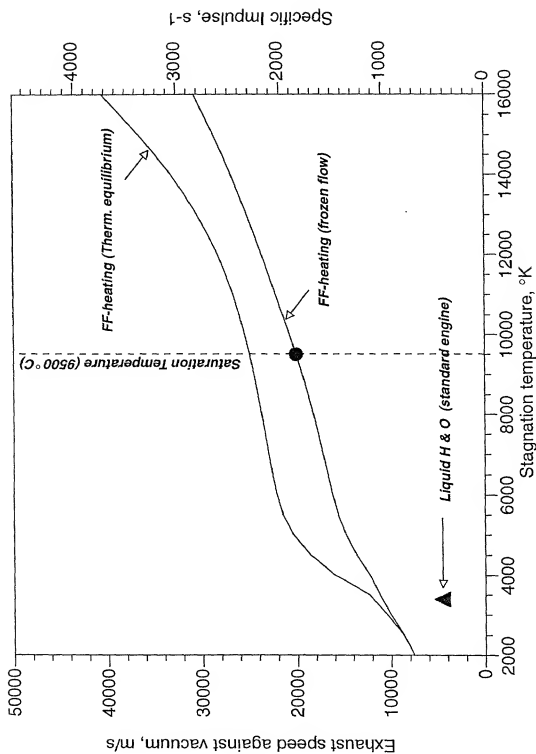


Figure 24.